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Abstract

In this vehicle, the diamagnetic fields principles are applied to obtain a hovering and propulsion effect which makes low cost, friction free and zero pollutant emissions transport media. This is done using a special combination of electromagnetic generators and the natural diamagnetic susceptibility present in all elements. The physical effect of this phenomenon is an air gap between the surface and the vehicle. The height of levitation has a direct relationship with the material used as floor surface; since all materials have different diamagnetic susceptibility factors. Also, the power on the diamagnetic field generator is a key for the levitation and propulsion effect. All these factors make this prototype vehicle an easy maneuverable one, since there are almost no inertial forces present in the system.